

Grant Matthews

Software Developer

Contact Info

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<https://github.com/gcmvy3>

Skills

- Android Studio
- Angular 1
- Apache Kafka
- Bootstrap CSS
- Eclipse IDE
- Gaia Cloud
- Git (GitHub, BitBucket)
- Gradle
- Jenkins/Jules
- JIRA
- JUnit
- Mockito
- Qt
- Scrum
- Spring Boot

Languages

Proficient

- Java
- JavaScript
- C#

Familiar

- C++
- C
- Python

Education

Bachelor of Science in Computer Science

The University of Texas at Dallas

Graduated 2019

GPA: 3.8 / 4.0

- Graduated with Collegium V Honors
- National Merit Scholarship program

Work Experience

2019 - Present: Software Engineer Analyst at JP Morgan Chase & Co.

- Implemented **REST API** endpoints for transmitting data to and from an **Apache Kafka** Databus.
- Designed, developed, and deployed a new **Gaia cloud microservice** for approving new clients, increasing security for the whole Databus platform.
- Interfaced directly with clients to provide friendly technical support, and developed fixes for multiple high-priority production defects.

2018: Technical Analyst Intern at FPX, LLC

- Designed and developed a Turing-complete **JSON** transformation tool in **Java**, allowing clients to customize the format of exported data.
- Created **Gradle** plugin for automatically deploying documents to server, increasing productivity of the entire development team.
- Wrote **JavaScript** server functions in real SaaS client environments.
- Prototyped front-end applications using **Angular**, **Bootstrap**, and **HTML**.

2017: Developer Intern at HITS Scanning Solutions

- Programmed **Java** utilities for manipulating TIFF image files at the byte level, reducing file processing time by up to 50%.

Software Projects

Voltron: Dashboard software for autonomous vehicles

- Architected and built robust front-end suite for Ruths Autonomous Vehicle Research Lab at UT Dallas
- Technologies: C++, Qt

Totality: Library for using mobile devices as video game controllers

- TAMUHack 2016 finalist project
- Technologies: Java, JavaScript, JQuery, WebSocket, JSON

Murmur: End-to-end encrypted chat client

- HackUTD 2016 "Best Developer Tool" winner
- Technologies: Java, JavaFX, RSA encryption